UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. YOR920030024US2 (16560)

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application

P.O. Box 1450 Alexandria, VA 22313-1450								
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:								
INTERCONN	ECT STRUCTURES IN	CORPORATIN	G LOW-K DIELECTRIC BARRIER FILMS					
and invented by:								
Stephan A. Co Stephen M. G Jeffrey C. Hee Elbert E. Hua Dirk Pfeiffer.	ohen; ates; drick; ng; and							
If a CONTINUA	TION APPLICATION, ch	eck appropriate	e box and supply the requisite information:					
☐ Continuati	on 🗌 Divisional [☐ Continuation	on-in-part (CIP) of prior application No.:					
Which is a: Continuati	on [] Divisional [T Continuație	on-in-part (CIP) of prior application No.:					
Which is a:		_ Continuati	On-in-part (Oir) Or prior application No					
☐ Continuati	on 🛘 Divisional [☐ Continuation	on-in-part (CIP) of prior application No.:					
Enclosed are:		Applica	ation Elements					
1. 🔀 Filine	g fee as calculated and to	ransmitted as d	described below					
2. 🛭 Spe	2. Specification having pages and including the following:							
a. 🔀	Descriptive Title of the I	nvention						
b. 🗖	Cross References to Re	lated Application	ons (if applicable)					
с. 🗆	Statement Regarding Fo	ederally-sponso	ored Research/Development (if applicable)					
d. 🗖	☐ Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix							
e. 🛚	Background of the Invention							
f. 🛛	Brief Summary of the Invention							
g. 🛚	Brief Description of the Drawings (if filed)							
h. 🛚	Detailed Description							
i. 🛚	Claim(s) as Classified Below							
j. 🔀	Abstract of the Disclosu	re						
1								

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Total Pages in this Submission

Application Elem nts (Continued)									
3.	X	Drawing(s) (when necessary as prescribed by 35 USC 113)							
	a.	➤ Formal Number of Sheets 4							
	b.	☐ Informal Number of Sheets							
4.	X	Oath or Declaration							
	a.	Newly executed (original or copy) □ Unexecuted							
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)							
	C.								
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).							
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
7.		Application Data Sheet (See 37 CFR 1.76)							
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)							
	a.	. Computer Readable Form (CRF)							
	b.	. Specification Sequence Listing on:							
		i. CD-ROM or CD-R (2 copies); or							
		ii. 🗖 Paper							
	C.	c. Statement(s) Verifying Identical Paper and Computer Readable Copy							
		Accompanying Application Parts							
9.	X	Assignment Papers (cover sheet & document(s))							
10.		37 CFR 3.73(B) Statement (when there is an assignee)							
11.		English Translation Document (if applicable)							
12.		Information Disclosure Statement/PTO-1449							
13.		Preliminary Amendment							
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)							
16.	X	Certificate of Mailing							
		☐ First Class ☒ Express Mail (Specify Label No.): EV 185861607 US							

UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

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of the application.

Docket No. YOR920030024US2 (16560)

Total Pages in this Submission
4

Accompanying Application Parts (Continued)

17.	×	Additional Enclosures (please identify below):						
		ASSOCIATE POWER OF ATTORNEY AND REQUEST FOR CHANGE OF MAILING ADDRESS						
		Assignee Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Assignee Residence: ARMONK, NEW YORK						
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)						
18.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing						

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notic within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notic was unintentional.

UTILITY PATENT APPLICATION TRANSMITTAL (Larg Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. YOR920030024US2 (16560)

Total Pages in this Submission

19. Correspondence Address Customer No. 23389

Fee Calculation and Transmittal

CLAIMS AS FILED							
For	#Filed	#Allowed	#Extra		Rate	Fee	
Total Claims	20	- 20 =	0	x	\$18.00	\$0.00	
nd p. Claims	2	- 3 =	0	×	\$84.00	\$0.00	
Multipl Dep ndent Cl	aims (check	if applicable)				\$0.00	
					BASIC FE	E \$750.00	
OTHER FEE (specify	purpose)		·			\$0.00	
***					TOTAL FILING FE	E \$750.00	
☑ Credit any☑ Charge ar☐ Charge the	eby authorize v. e amount of overpaymen by additional f	\$750.00 t. iling fees required et in 37 C.F.R. 1.	as filing fee. d under 37 C.f 18 at the maili	Account	6 and 1.17. Notice of Allowance, Signature	BM	

cc: SF:HAH:jy

CERTIFICATE OF	MAILING BY "EXPRESS I	MAIL" (37 CFR 1.10)		Docket No.			
Applicant(s): Stephan A	YC	DR920030024US2 (16560)					
Serial No.	Filing Date	Examiner		Group Art Unit			
Unassigned	Herewith	Unassigned		Unassigned			
Invention: INTERCONNECT STRUCTURES INCORPORATING LOW-K DIELECTRIC BARRIER FILMS							
I hereby certify that the	e following correspondence:						
NEW PATENT APPLICATION							
	(Identify type	of correspondence)					
is being deposited with	h the United States Postal Service	ce "Express Mail Post Office to	to Add	ressee" service under 37			
	ope addressed to: Commissioner						
	po addressed to: Commissioner	1011 atomo, 1 .O. Dox 1400,	, iioxai	idria, 777 22010 1 100 011			
	July 25, 2003						
	(Date)						
		Steven Fis					
(Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence)							
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